

Heechul Yoon

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

182
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1307594

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docs citations

20
times ranked

227
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrasound and Photoacoustic Imaging of Laser-Activated Phase-Change Perfluorocarbon Nanodroplets. <i>Photonics</i> , 2021, 8, 405.	2.0	9
2	Design of a Volumetric Imaging Sequence Using a Vantage-256 Ultrasound Research Platform Multiplexed With a 1024-Element Fully Sampled Matrix Array. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2020, 67, 248-257.	3.0	29
3	Investigation of light delivery geometries for photoacoustic applications using Monte Carlo simulations with multiple wavelengths, tissue types, and species characteristics. <i>Journal of Biomedical Optics</i> , 2020, 25, 1.	2.6	14
4	Ultrafast ultrasound imaging of surface acoustic waves induced by laser excitation compared with acoustic radiation force. <i>Optics Letters</i> , 2020, 45, 1810.	3.3	7
5	Combined Multiwavelength Photoacoustic and Plane-Wave Ultrasound Imaging for Probing Dynamic Phase-Change Contrast Agents. <i>IEEE Transactions on Biomedical Engineering</i> , 2019, 66, 595-598.	4.2	11
6	Lipid Shell Composition Plays a Critical Role in the Stable Size Reduction of Perfluorocarbon Nanodroplets. <i>Ultrasound in Medicine and Biology</i> , 2019, 45, 1489-1499.	1.5	16
7	Leveraging the Imaging Transmit Pulse to Manipulate Phase-Change Nanodroplets for Contrast-Enhanced Ultrasound. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2019, 66, 692-700.	3.0	6
8	Design and Demonstration of a Configurable Imaging Platform for Combined Laser, Ultrasound, and Elasticity Imaging. <i>IEEE Transactions on Medical Imaging</i> , 2019, 38, 1622-1632.	8.9	10
9	Super-Resolution Imaging With Ultrafast Ultrasound Imaging of Optically Triggered Perfluorohexane Nanodroplets. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2018, 65, 2277-2285.	3.0	27
10	Impact of depth-dependent optical attenuation on wavelength selection for spectroscopic photoacoustic imaging. <i>Photoacoustics</i> , 2018, 12, 46-54.	7.8	7
11	Speed-of-sound Estimation of Dual-acoustic Waves using Laser-activated Nanodroplets. <i>Journal of the Korean Physical Society</i> , 2018, 73, 586-591.	0.7	0
12	Photoacoustic speckle tracking for motion estimation and flow analysis. <i>Journal of Biomedical Optics</i> , 2018, 23, 1.	2.6	7
13	Contrast-enhanced ultrasound imaging <i>in vivo</i> with laser-activated nanodroplets. <i>Medical Physics</i> , 2017, 44, 3444-3449.	3.0	28
14	Dual-Phase Transmit Focusing for Multiangle Compound Shear-Wave Elasticity Imaging. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2017, 64, 1439-1449.	3.0	3
15	Fluid flow measurement for diagnosis of ventricular shunt malfunction using nonlinear responses of microbubbles in the contrast-enhanced ultrasound imaging. <i>Japanese Journal of Applied Physics</i> , 2017, 56, 07JF10.	1.5	6
16	Notice of Removal: Multispectral ultrafast ultrasound imaging: A versatile tool probing dynamic phase-change contrast agents. , 2017, , .		1
17	Notice of Removal: On-demand gas-generating nanoparticles as an ultrasound imaging contrast agent. , 2017, , .		0
18	Notice of Removal: Altering lipid shell composition enables the tunability of perfluorocarbon nanodroplets. , 2017, , .		1

#	ARTICLE	IF	CITATIONS
19	Notice of Removal: Time-shifted multi-tracking of shear waves for the characterization of scleral biomechanics. , 2017, , .		0